

Serial No. 10/048,242

**Amendments to the Claims**

This listing will replace all prior versions, and listings, of claims in the application.

**Listing of Claims**

1. (Cancelled)
2. (Currently Amended) A formulation of ~~Claim 1~~Claim 16 wherein the spreading agent is a (C<sub>3</sub>-C<sub>6</sub>) branched alkyl (C<sub>12</sub>-C<sub>16</sub>) alkanoate.
3. (Previously presented) A formulation of Claim 2 wherein the (C<sub>3</sub>-C<sub>6</sub>) branched alkyl (C<sub>12</sub>-C<sub>16</sub>) alkanoate is isopropyl myristate.
4. (Cancelled)
5. (Cancelled)
6. (Currently Amended) A formulation of ~~Claim 1~~Claim 16, 2, 3, 4 or 5 which further comprises an effective amount of an antimicrobial agent.
7. (Currently Amended) An article of manufacture, comprising packaging material and contained within said packaging material a topical formulation for controlling an ectoparasite infestation on a small ruminant or companion animal, wherein said formulation comprises a topical unit dose of a formulation of ~~Claim 1~~Claim 16, 2 or 3; and, wherein said packaging material comprises a label or package insert with instructions for topically administering the dose to the animal.
8. (Currently Amended) A method of controlling an ectoparasite infestation on a small ruminant or companion animal, comprising topically applying to the hair and/or skin of the animal a formulation of ~~Claim 1~~Claim 16, 2 or 3.
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Previously Presented) A topical ectoparasiticidal formulation comprising from 0.1 to 25 weight percent of a spinosyn, or a physiologically acceptable derivative or salt thereof; from 25 to 99 weight percent of isopropyl myristate and from 0.6 to 40 weight percent of a miscibilizing agent compatible with organic solvent systems, selected from acetic, lauric, octanoic, oleic and benzoic acids and N-methyl-2-pyrrolidinone wherein the formulation is spot-on or pour-on.
13. (Currently Amended) A formulation of ~~Claim 1~~Claim 16, 2 or 3

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wherein the miscibilizing agent is oleic acid.

14. (Previously Presented) An article of manufacture, comprising packaging material and contained within said packaging material a topical formulation for controlling an ectoparasite infestation on a small ruminant or companion animal, wherein said formulation comprises

a topical unit dose of a formulation of Claim 12 or 13; and, wherein said packaging material comprises a label or package insert with instructions for topically administering the dose to the animal.

15. (Previously Presented) A method of controlling an ectoparasite infestation on a small ruminant or companion animal, comprising topically applying to the animal a formulation of Claim 12 or 13 by a spot-on or pour-on protocol.

16. (New) A topical ectoparasiticidal formulation comprising: from about 0.1 to about 25 weight percent of an ectoparasiticide, selected from a spinosyn, or a physiologically acceptable derivative or salt thereof; from about 25 to about 99.9 weight percent of a (C<sub>3</sub>-C<sub>6</sub>) branched alkyl (C<sub>10</sub>-C<sub>20</sub>) alkanoate spreading agent; and from about 0.6 to about 40 weight percent of a miscibilizing agent compatible with organic solvent systems wherein the miscibilizing agent is selected from formic, acetic, propionic, benzoic, butyric, valeric, caproic, enanthic, caprylic, pelargonic, capric, undecylic, lauric, tridecylic, myristic, pentadecylic, palmitic, margaric, stearic, oleic, arachidic, behenic, lignoceric, cerotic, montanic, triacontanoic, psyllic, or ceroplastic acids, or benzyl alcohol, ethylene glycol phenyl ether, D-limonene, N-methyl-2-pyrrolidinone, methylated soybean oils and soybean oil methyl esters; wherein the formulation is spot-on or pour-on.